

(19)日本国特許庁 (JP)

(12) 登録実用新案公報 (U)

(11)実用新案登録番号

第3027381号

(45)発行日 平成8年(1996)8月9日

(24)登録日 平成8年(1996)5月22日

(51)Int.Cl.⁶

識別記号

府内整理番号

F I

技術表示箇所

A 47 L 13/16
13/17
13/20
13/256

A
A
A

評価書の請求 未請求 請求項の数1 FD (全5頁)

(21)出願番号

実願平8-925

(22)出願日

平成8年(1996)1月30日

(73)実用新案権者 391057753

イデシギョー株式会社

静岡県富士市依田原町7番33号

(72)考案者 井出 純一

静岡県富士市依田原町7番33号 イデシギ

ョー株式会社内

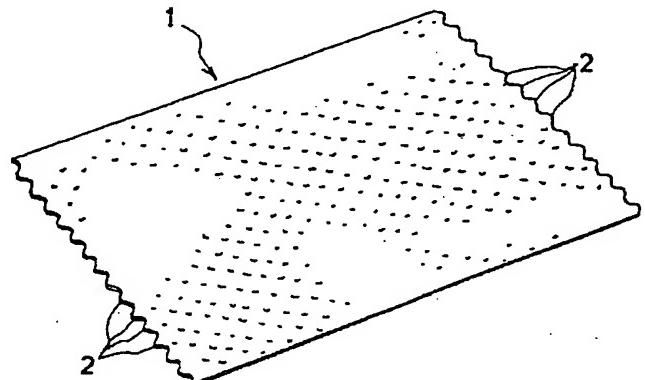
(74)代理人 弁理士 福田 武通 (外2名)

(54)【考案の名称】 清掃用シート

(57)【要約】

【課題】 壁際の隅にある細かな塵や毛髪を吸着すること。

【解決手段】 四辺形状を有する清掃用シート1であつて、少なくとも前記シートの対向する一方の両側縁に凹凸状の突出部2、2を連設した。



【実用新案登録請求の範囲】

【請求項 1】 四辺形状を有する清掃用シートであつて、少なくとも前記シートの対向する一方の両側縁に凹凸状の突出部を連設したことを特徴とする清掃用シート。

【図面の簡単な説明】

【図 1】 本考案の清掃用シートの斜視図である。

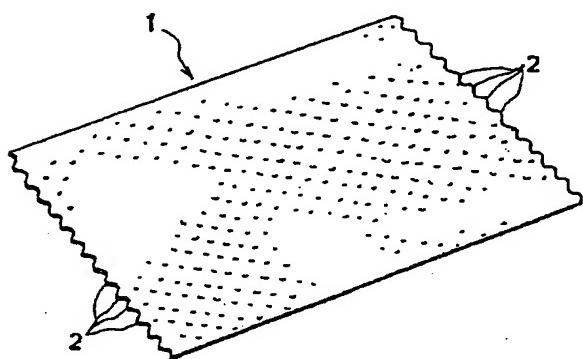
【図 2】 モップへの取付状態を示す斜視図である。

【図 3】 使用状態を示す参考図である。

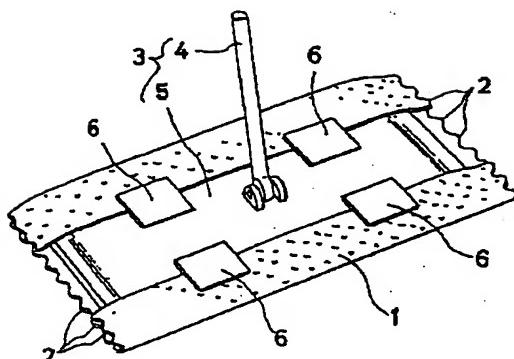
【符号の説明】

- 1 清掃用シート
- 2 突出部
- 3 モップ
- 4 モップの柄
- 5 モップの取付部
- 6 モップの挟持部
- F 床
- W 壁

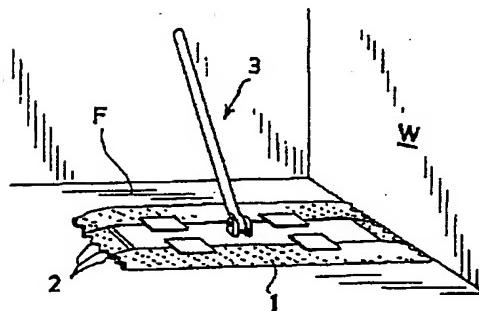
【図 1】



【図 2】



【図 3】



【考案の詳細な説明】**【0001】****【考案の属する技術分野】**

本考案は、必要に応じてモップに取付けてフローリング材の床やビニール床、或は階段等を乾拭きすることにより塵や毛髪を吸着する清掃用シートに関するものである。

【0002】**【従来の技術】**

この種の清掃用シートとしては、例えばポリエステル及びポリプロピレンにより構成され、概略、長方形形状に成形されたシート体に、流動性パラフィンや所望の抗菌剤を配合したものが一般的である。そして、その使用に際しては、この清掃用シートをモップに取付け、フローリング材の床等を乾拭きするものであり、床上の塵や毛髪を清掃用シートに吸着する。

【0003】**【考案が解決しようとする課題】**

しかし、上記した従来の清掃用シートは一般的な長方形形状で、モップの取付部の寸法に概略等しいために端縁が突出せず、或は、僅かに突出していたとしても突出部分が直線状で全長に延びていることから、床の壁際の清掃を行うために前後に移動させても細かな塵や毛髪は吸着しづらく、拭き漏れが生ずることがある。

【0004】

そこで、本考案は、上記課題を解決し、壁際の隅にある細かな塵や毛髪を吸着することができる清掃用シートを提供することを目的とする。

【0005】**【課題を解決するための手段】**

本考案は上記目的を達成するために提案されたもので、四辺形状を有する清掃用シートであって、少なくとも前記シートの対向する一方の両側縁に凹凸状の突出部を連設したことを特徴とするものである。

【0006】

【考案の実施の形態】

以下、本考案の実施の形態例を図面に基づいて説明する。

図1において、1は長辺方向が概略290mm、短辺方向が概略205mm程度に成形された概略長方形形状の清掃用シート、2は前記清掃用シート1の対向する短辺に連設された山形の突出部である。そして、対向する短辺に連設された上記山形の突出部2は、各々、概略2.5mm程度の突出量を有しており、また、隣り合う突出部2（頂部）は概略5mm程度の間隔を有している。

【0007】

なお、上記清掃用シート1は素材となるパルプ及びポリエステルを所望の厚さを有するシート状に成形し、これに流動性パラフィン等の薬液を配合したものであるが、素材や薬液は上記に限定されるものではない。

【0008】

上記清掃用シート1は、そのまま掌で押さえるようにして床等を乾拭きすることもできるが、多くの場合は、図2に示すような態様でモップ3に取付けて使用するものである。

【0009】

より具体的には、上記モップ3は、例えば柄4と、上記柄4を回動可能に支持する平板状の取付部5とからなり、上記取付部5の下面側に位置する清掃用シート1の対向する長辺部分を取付部5の上側に折返し、その折返部分を取付部5に設けた挟持部6で挟み込むようにして清掃用シート1を着脱可能に取付けるものである。なお、上記取付部5は概略において清掃用シート1の本体（突出部を除いた部分）の外形寸法に等しく、あるいはそれよりも小さく成形されており、そのため、取付部5に取付けた清掃用シート1は、少なくとも突出部2の分だけモップ3の取付部5の両端から突出する。

【0010】

上記取付状態で床等を乾拭きすると、床上の塵や毛髪は清掃用シート1に吸着されるものであり、この点は従来の同種の製品と変りない。その一方、図3に示すように、上記山形の突出部2の頂部が床Fの壁際沿うようにして乾拭きすると、その先端は壁Wに接するものの、残余の部分（谷部）と壁Wとの間には空間

ができる。そのため、前後にモップ3を移動すると、前記空間を介して壁際の微細な塵や毛髪までもが清掃用シート1の突出部2に入り込むようになり、これを吸着することができる。なお、モップ3を使用せずに清掃用シート1を掌で押さえ、床の壁際を前後に動かして乾拭きを行った場合にも同様な効果が得られることは勿論である。

【0011】

すなわち、この清掃用シート1によれば、床上の塵や毛髪を吸着できるのはもちろんのこと、壁際の隅等にある細かな塵やペット類の細い毛髪についても確実に吸着することができ、より確実な清掃を行うことが可能になる。

【0012】

なお、前記突出部2の形状は、図面に示した山形に限ることなく、波形状等の凹凸形状であってもよい。また、図面の形態においては清掃用シート1の短辺部分のみに突出部を形成したが、使用されるモップの取付部形状や取付手法に鑑み、長辺方向のみ、或は全周にわたって突出部を形成してもよい。清掃用シート1を正方形形状に成形してもよいことは言う迄もない。

【0013】

【考案の効果】

以上説明したように本考案の清掃用シートは、少なくとも対向する一方の両側縁に凹凸状の突出部を連設したことから、床上の塵や毛髪を吸着できるのはもちろんのこと、壁際の隅にある細かな塵やペット類の細い毛髪についても確実に吸着することができ、より確実な清掃を行うことが可能になる。

*** NOTICES ***

JPO and NCIPPI are not responsible for any damages caused by the use of this translation.

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

CLAIMS

[Utility model registration claim]

[Claim 1] The sheet for cleaning which is a sheet for cleaning which has the shape of a quadrilateral, and is characterized by for while countering at least as for said sheet, and forming concave convex lobes successively to edges on both sides.

[Translation done.]

*** NOTICES ***

JPO and NCIPI are not responsible for any damages caused by the use of this translation.

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DETAILED DESCRIPTION

[Detailed explanation of a design]

[0001]

[The technical field to which a design belongs]

This design is related with the sheet for cleaning which adsorbs dust and hair by attaching in a mop if needed and wiping the floor and vinyl floor of flooring material, or a stairway with dry cloth.

[0002]

[Description of the Prior Art]

What blended fluid paraffin and a desired antimicrobial agent with the sheet object which was constituted by polyester and polypropylene, for example and was fabricated by the outline and the rectangle configuration as this kind of a sheet for cleaning is common. And on the occasion of that use, this sheet for cleaning is attached in a mop, the floor of flooring material etc. is wiped with dry cloth, and dust above the floor level and hair are adsorbed at the sheet for cleaning.

[0003]

[Problem(s) to be Solved by the Device]

Since it is equal, the edge cannot be projected. however, a rectangle configuration with the above-mentioned conventional common sheet for cleaning -- the dimension of the attachment section of a mop -- an outline -- Though projected slightly, since it projected and the part is prolonged for the overall length in the shape of a straight line, in order to perform cleaning in the wall case of a floor, even if it makes it move forward and backward, it is hard to stick to fine dust and hair, and they may be wiped and leakage may produce them.

[0004]

Then, this design solves the above-mentioned technical problem, and aims at offering the sheet for cleaning which can adsorb the fine dust in the corner in the wall case, and hair.

[0005]

[Means for Solving the Problem]

It is the sheet for cleaning which was proposed in order that this design might attain the above-mentioned purpose, and has the shape of a quadrilateral, and is characterized by for while countering at least as for said sheet, and forming concave convex lobes successively to edges on both sides.

[0006]

[The gestalt of implementation of a design]

Hereafter, the example of a gestalt of operation of this design is explained based on a drawing. In drawing 1 , the sheet for cleaning of the outline rectangle configuration where, as for 1, 290mm of outlines and the direction of a shorter side were fabricated for the direction of a long side by about 205mm of outlines, and 2 are the lobes of Yamagata formed successively by the shorter side which said sheet 1 for cleaning counters. And the lobe 2 (crowning) which the lobe 2 of above-mentioned Yamagata formed successively by the shorter side which counters has the amount of protrusions of about 2.5mm of outlines respectively, and adjoins each other has spacing of about 5mm of outlines.

[0007] In addition, although the above-mentioned sheet 1 for cleaning is fabricated in the shape of [which has the thickness of a request of the pulp and polyester used as a material] a sheet and drug solutions, such as fluid paraffin, are blended with this, neither a material nor a drug solution is limited above.

[0008] Although the above-mentioned sheet 1 for cleaning can also wipe a floor etc. with dry cloth as it is pressed down in the palm as it is, in many cases, it attaches and uses it for a mop 3 in a mode as shown in drawing 2 .

[0009]

As it consists of a shank 4 and the plate-like attachment section 5 which supports the above-mentioned shank 4 rotatable, a part for the long side which is located in the inferior-surface-of-tongue side of the above-mentioned attachment section 5 and which the sheet 1 for cleaning counters is turned up to the attachment section 5 up side and the above-mentioned mop 3 is put in the pinching section 6 which prepared the cuff part in the attachment section 5, more specifically, it attaches the sheet 1 for cleaning removable. In addition, as for the sheet 1 for cleaning which the above-mentioned attachment section 5 is fabricated equally to the dimension of the body (part except a lobe) of the sheet 1 for cleaning in the outline smaller than it, therefore was attached in the attachment section 5, only the part of a lobe 2 projects from the both ends of the attachment section 5 of a mop 3 at least.

[0010]

When a floor etc. is wiped with the above-mentioned attachment condition, dust above the floor level and hair are adsorbed by the sheet 1 for cleaning, and this point does not change with the conventional product of the same kind and exist. If the crowning of the lobe 2 of above-mentioned Yamagata wipes with dry cloth in the wall case of Floor F as it meets as shown in one of these, and drawing 3 , although the tip touches Wall W, space will be made by it between a residual part (trough) and Wall W. Therefore, if a mop 3 is moved forward and backward, through said space, even the detailed dust and the hair in the wall case come to enter into the lobe 2 of the sheet 1 for cleaning, and can adsorb this. In addition, also when the sheet 1 for cleaning is pressed down in the palm, without using a mop 3 and it wipes with dry cloth by moving the wall time of a floor forward and backward, of course, the same effectiveness is acquired.

[0011]

That is, according to this sheet 1 for cleaning, not to mention the ability to adsorb dust above the floor level and hair, it can adsorb certainly also about the thin hair of the fine dust in the corner in the wall case etc., or pets, and it becomes possible to perform more positive cleaning.

[0012]

In addition, the configurations of said lobe 2 may have the shape of toothing, such as the shape of a wave, without restricting to Yamagata shown in the drawing. Moreover, although the lobe was formed only in a part for the short side part of the sheet 1 for cleaning in the gestalt of a drawing, in view of the attachment section configuration and the attachment technique of a mop which are used, only the direction of a long side may form a lobe over the perimeter. It is not necessary to say that the sheet 1 for cleaning may be fabricated in a square configuration.

[0013]

[Effect of the Device]

As explained above, it can stick to the sheet for cleaning of this design certainly also about the thin hair of the fine dust which is in the corner in the wall case not to mention the ability to adsorb dust above the floor level and hair, or pets from while countering at least and having formed concave convex lobes successively to edges on both sides, and it becomes possible to perform more positive cleaning.

[Translation done.]

*** NOTICES ***

JPO and NCIPI are not responsible for any damages caused by the use of this translation.

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the perspective view of the sheet for cleaning of this design.

[Drawing 2] It is the perspective view showing the attachment condition to a mop.

[Drawing 3] It is the reference drawing showing a busy condition.

[Description of Notations]

1 Sheet for Cleaning

2 Lobe

3 Mop

4 Shank of Mop

5 Attachment Section of Mop

6 Pinching Section of Mop

F Floor

W Wall

[Translation done.]

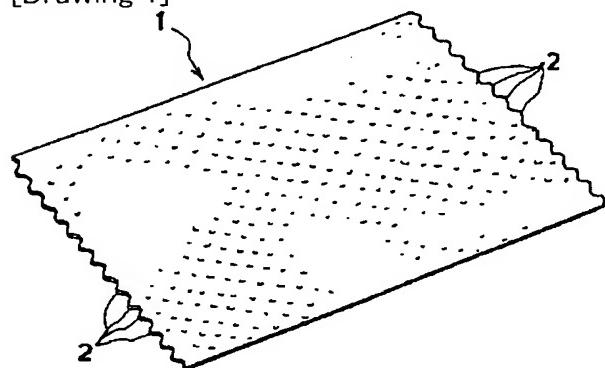
*** NOTICES ***

JPO and NCIPI are not responsible for any damages caused by the use of this translation.

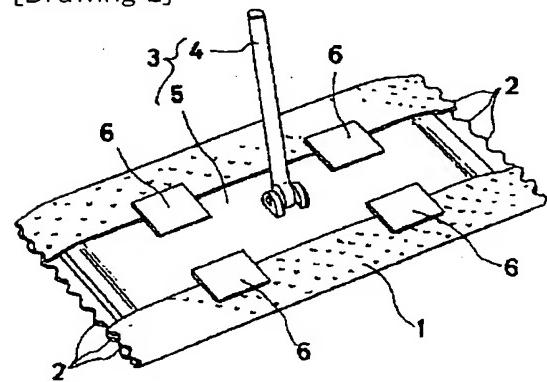
- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DRAWINGS

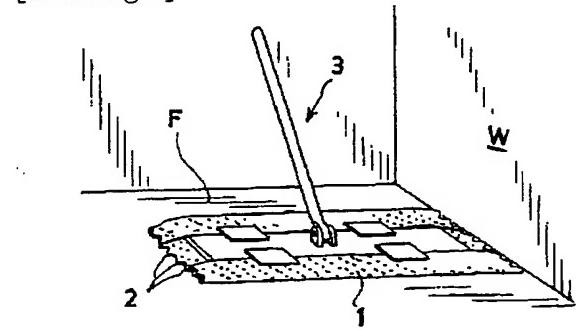
[Drawing 1]



[Drawing 2]



[Drawing 3]



[Translation done.]